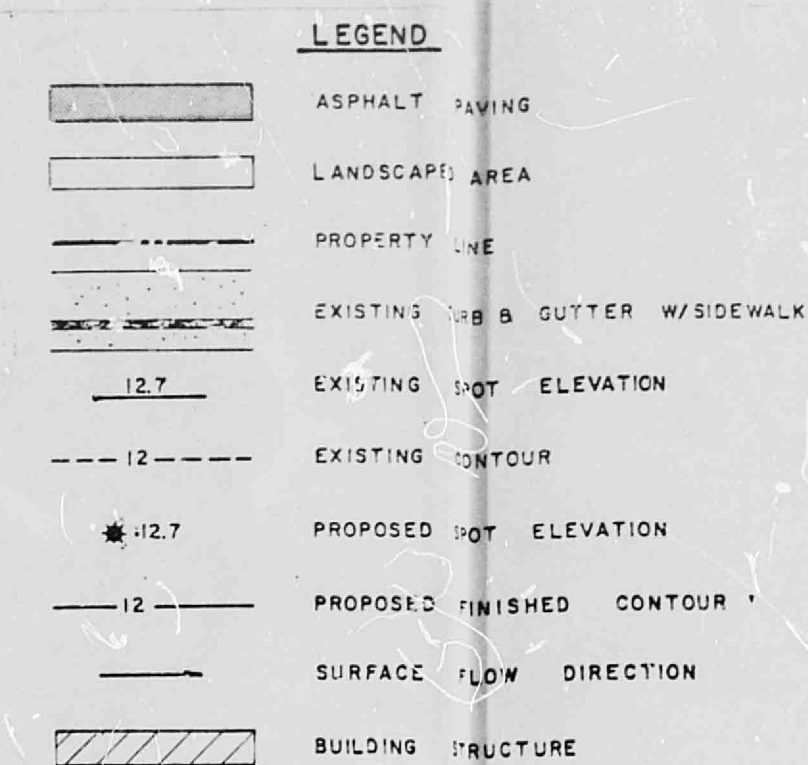
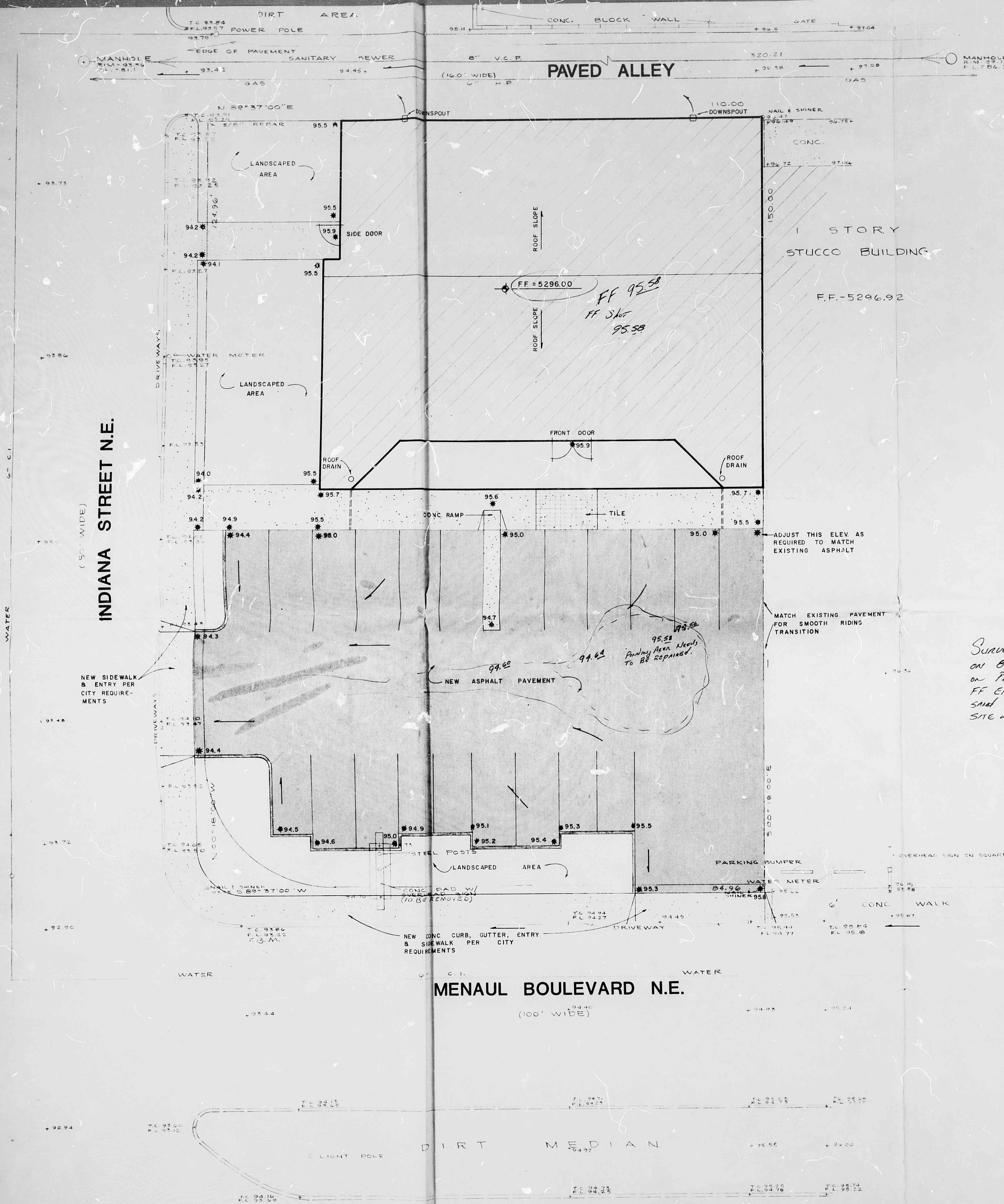
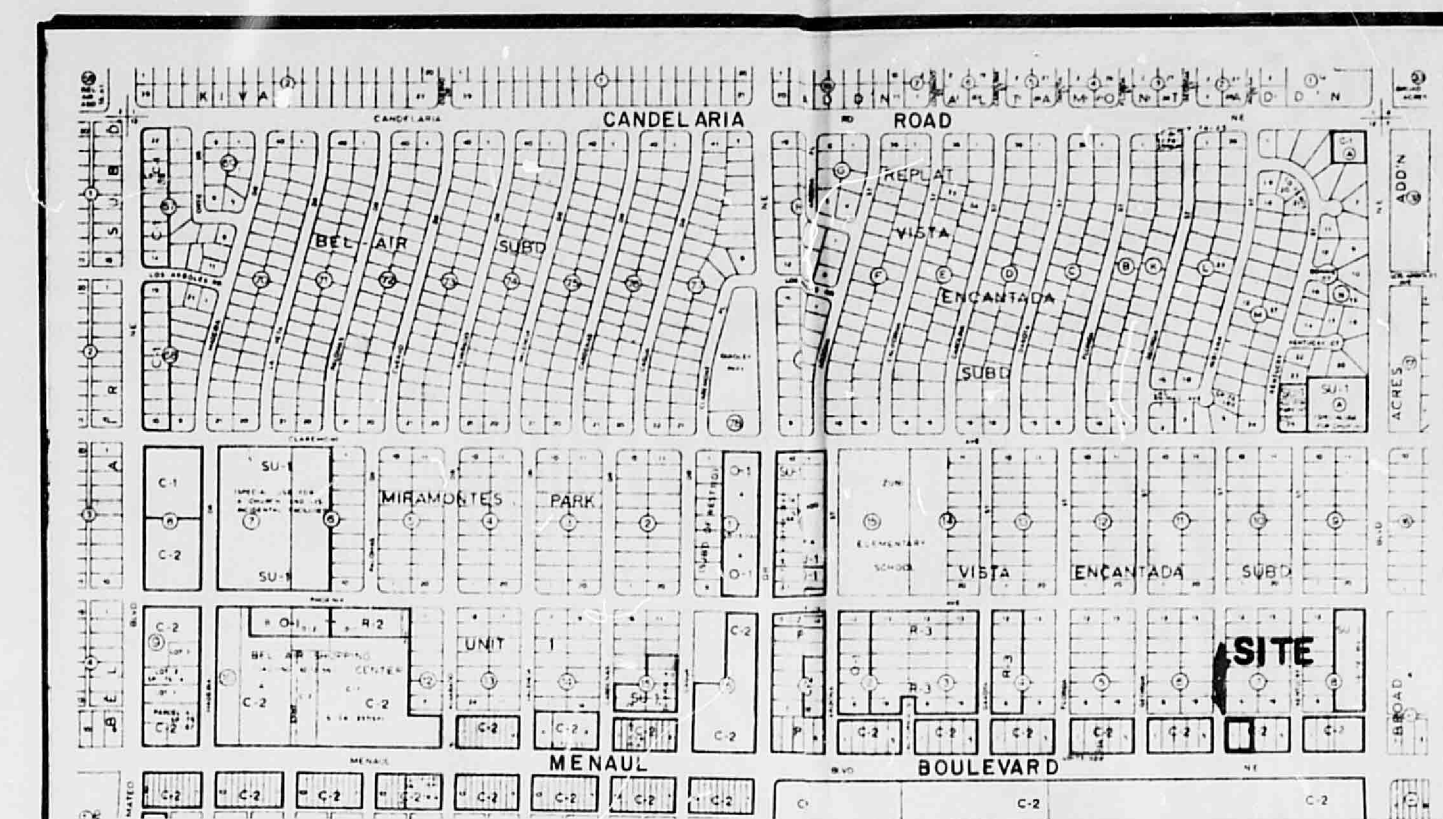




APR 10 1984
HYDROLOGY SECTION



VICINITY MAP H-18

Survey By Steve C. & Debbie C.
on 8-3-84 Used T.B.M. as shown
on Plan S.E. Co. of Chris Roman.
FF Elev 5" Lower. Advised Bill G. he
should be saw no by Pattern because
SITE WAS NOT IN FLOOD AREA.

NOTES:

1. Legal- Lot 1-A, Block 7, Vista Encantada, Albuquerque, New Mexico.
2. Architect- Norton and Associates
3. Surveyor- Forstbauer Surveying Company, 2-84
4. Easements- None
5. B.M.- City B.M. 8-H-19, A.C. Brass Cap at S.E. corner of Menaul and Pennsylvania - Elevation 5341.93.
6. I.B.M.- T.C. S.E. Curb return- Elevation 5293.86
7. Flood Hazard- None
8. Off-site Flows- Site is bounded by paved alley on north side, which drains to Indiana Street East side by existing building and paved parking which drains to Menaul Blvd. New construction is not effected by off-site flow pattern.
9. Scope of Work- Site is presently occupied by a vacant store (formerly Morimoto's Market), the remainder of site is paved. New work will consist of removing existing building and paving, regrading as required and all new construction.
10. Drainage Criteria- Per pre-design meeting with City Hydrology:
 - a. Provide drainage plan per PM guidelines
 - b. Free discharge to adjacent streets.

Resubmittal 4-9-84 File # H18-D31

Discharge Rates -
Undeveloped $Q_{100} = (1.5)(2.2)(0.95)(0.30) = 1.8 cfs$
Developed $Q_{100} = (1.5)(2.2)(0.60)(0.30) = 1.6 cfs$

H18/D31

CTS INC.
ENGINEERING

1100 ALVARADO N.E. SUITE A
ALBUQUERQUE, NEW MEXICO 87110
(505) 266-3444

REVISIONS
DATE

DESIGNED
DRAWN
CHECKED

DRAINAGE / GRADING PLAN
BUSINESSLAND STORE
Menaul and Indiana

cts

SHEET 1 OF 1